

FORM PTO-1390 (Modified)  
(REV. 07-2004)

U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE

**TRANSMITTAL LETTER TO THE UNITED STATES**  
**DESIGNATED/ELECTED OFFICE (DO/EO/US)**  
**CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

112857-389

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

Unknown **10/509843**INTERNATIONAL APPLICATION NO.  
**PCT/JP03/05012**INTERNATIONAL FILING DATE  
**May 6, 2003**PRIORITY DATE CLAIMED  
**April 19, 2002**

TITLE OF INVENTION

**WATER DISPOSAL SYSTEM, METHOD OF DISPOSING WATER, AND POWER GENERATION APPARATUS**

APPLICANT(S) FOR DO/EO/US

**Imazato et al.**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 511579567 US
23. ☒ Other items or information:

**Return receipt postcard;**  
**Submission of Formal Drawings;**  
**Formal Drawings (13 sheets); and**  
**Form PCT/ISA/220; PCT/IB/301, 304, and 308.**

U.S. APPLICATION NO (if known, see 37 CFR 1.5)

Unknown

INTERNATIONAL APPLICATION NO.

PCT/JP03/05012

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24. The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :**

- ☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1080.00
- ☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00
- ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00
- ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00
- ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =****\$950.00**

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

**\$0.00**

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	46 - 20 =	26	x \$18.00
Independent claims	6 - 3 =	3	x \$88.00

**\$468.00****\$264.00**Multiple Dependent Claims (check if applicable). ☐**\$0.00****TOTAL OF ABOVE CALCULATIONS =****\$1,682.00**

- ☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

**\$0.00****SUBTOTAL =****\$1,682.00**

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

**\$0.00****TOTAL NATIONAL FEE =****\$1,682.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). ☐

**\$0.00****TOTAL FEES ENCLOSED =****\$1,682.00**

Amount to be:

refunded

\$

charged

\$

- a. ☒ A check in the amount of \$1,682.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.
- c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-1818
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Thomas C. Basso  
BELL, BOYD & LLOYD LLC  
P.O. Box 1135  
Chicago, IL 60690-1135

SIGNATURE

Thomas C. Basso

NAME

46,541

REGISTRATION NUMBER

October 1, 2004

DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Imazato et al.  
 Intl. Appl. No.: PCT/JP03/05012  
 Intl. Filing Date: May 6, 2003  
 Title: WATER DISPOSAL SYSTEM, METHOD OF DISPOSING WATER,  
 AND POWER GENERATION APPARATUS  
 Docket No.: 112857-389

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10**

Sir:

I hereby certify that the following documents relating to the above-identified application:

- |   |  |
|---|--|
| 1. Transmittal Letter to the US<br>Designated/Elected Office (duplicate); | 8. 10 references;                          |
| 2. Int'l Application as filed (49 pgs.);                                  | 9. Preliminary Amendment (119 pgs.);       |
| 3. English lang. trans. Int'l App. (93 pgs.);                             | 10. Submission of Formal Drawings;         |
| 4. Unexecuted Dec. and POA (4 pgs.);                                      | 11. Formal Drawings (13 sheets);           |
| 5. Int'l Search Report (4 pgs.);  | 12. PCT/ISA/220; PCT/IB/301, 304, 308;     |
| 6. IDS (2 pgs.);  | 13. Check in the amount of \$1,682.00; and |
| 7. PTO Form 1449;   | 14. Return receipt postcard.               |

are being deposited with the United States Postal Service with sufficient postage as

Express Mail in an envelope addressed to:

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

on October 1, 2004.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Renee Street

Name of Person Mailing Correspondence

Signature

EV 511579567 US

Express Mail Mailing Label Number